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CLEMATIS PLANT NAMED 'VANSO'

5 BACKGROUND OF THE INVENTION

The present invention relates to a new Clematis plant having the varietal denomination 'VANSO'. 'VANSO' was discovered as a natural branch mutation of the variety 'MRS. CHALMONDELEY', not known to be patented.

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SUMMARY OF THE INVENTION

The new variety is a Clematis plant with a climbing habit distinguished by production of fully double flowers. Asexual reproduction of the new variety as performed by softwood cuttings in Boskoop, the Netherlands has confirmed that the distinguishing characteristics of the new variety are transmitted through succeeding generations.

15. COMPARISON WITH PARENT

The new variety differs from its parent, 'MRS. CHALMONDELEY', in producing flowers which are fully double; whereas flowers of the parent variety are single.

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BRIEF DESCRIPTION OF ILLUSTRATIONS

5 The accompanying illustrations depict specimen flowers of  
the new variety in color as true as possible in color  
photographic illustrations of this nature.

One figure shows the plant of the new variety with a cluster  
of flowers; and

10 The other figure shows a close up of the flower of the new  
variety.

DETAILED DESCRIPTION OF THE NEW VARIETY

The following is a description of the new variety taken from  
plants grown out-of-doors in Boskoop, the Netherlands during the  
month of June. Color designations used herein are from the ROYAL  
HORTICULTURAL SOCIETY COLOR CHART ("RHSC").

PLANT

20 The plant grows in a climbing habit and attains a height of  
slightly more than 2 M. with vigorous growth.

FOLIAGE

Size: About 5 cm. to 8 cm. long and up  
to about 4.8 cm. wide.

25 Quantity: About 6 leaves (3 pairs of  
opposite leaves) per about 15 cm.  
stem.

Color

Immature foliage

30 Upper side: Between 141A and 143A

Underside: Between 146A and 146B

Mature foliage

Upper side: Near 137A

Under side: Between 137B and 137C

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Shape: Trifoliolate - leaflets are ovate to narrow ovate  
5 Texture  
Upper side: Smooth  
Under side: Smooth  
Veination: Anastomosing  
Edge: Smooth with no serration observed.  
10 Petiole color  
Top surface: Near 166A  
Under side: Between 143A and 141B  
Stipules: No stipules observed  
15 Auricles: No auricles observed  
Rachis: Smooth  
WOOD  
Color: Near 143A  
Bark: Bark has short pale greyish hairs  
20 FLOWER  
Color: Clear blue double flowers  
WINTER HARDINESS  
RESISTANCE TO DISEASE  
25 BREEDING  
Asexual reproduction was started from softwood cuttings during the summer months in tunnels. Natural mutation was observed when one branch of the parent variety flowered with double flowers. This mutation branch was then propagated by softwood cuttings.

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STAMENS, FILAMENTS & ANTERS

Arrangement:

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Flowers are completely double, so no stamens, styles, etc. are visibly present. No seed formation observed.

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